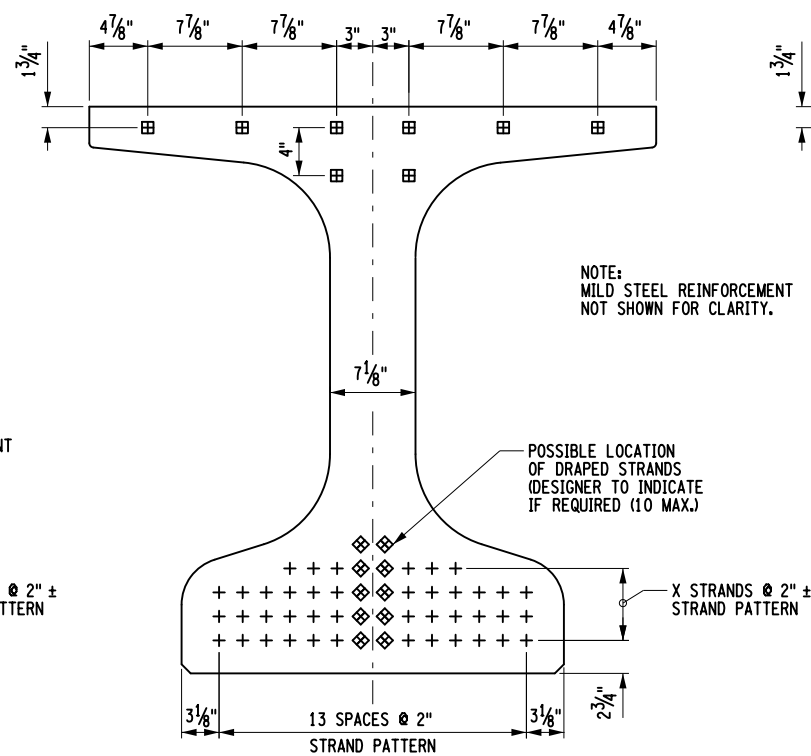
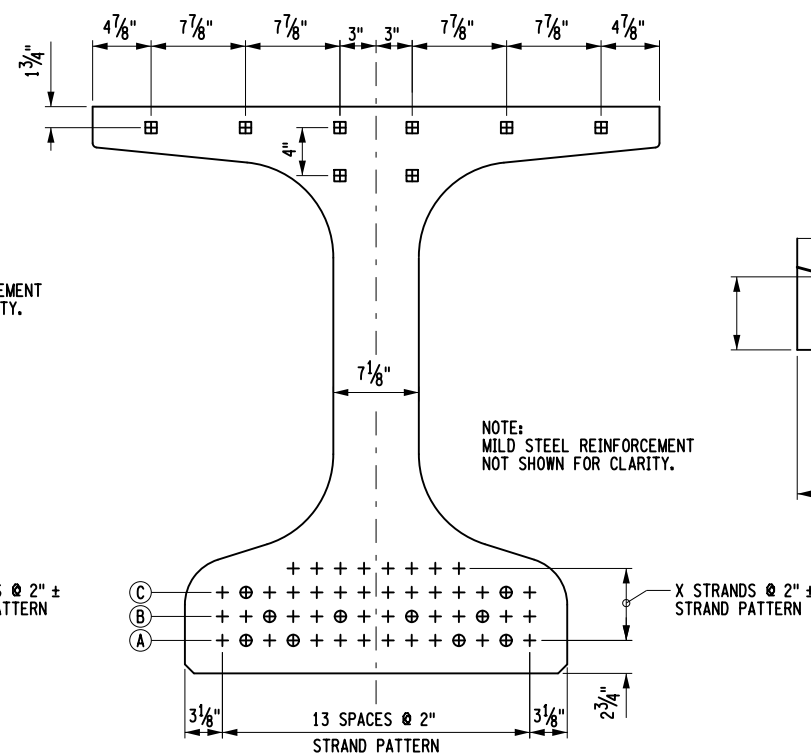


TYPICAL SECTION @ \mathcal{C} BEARINGS
USING DRAPED STRANDS

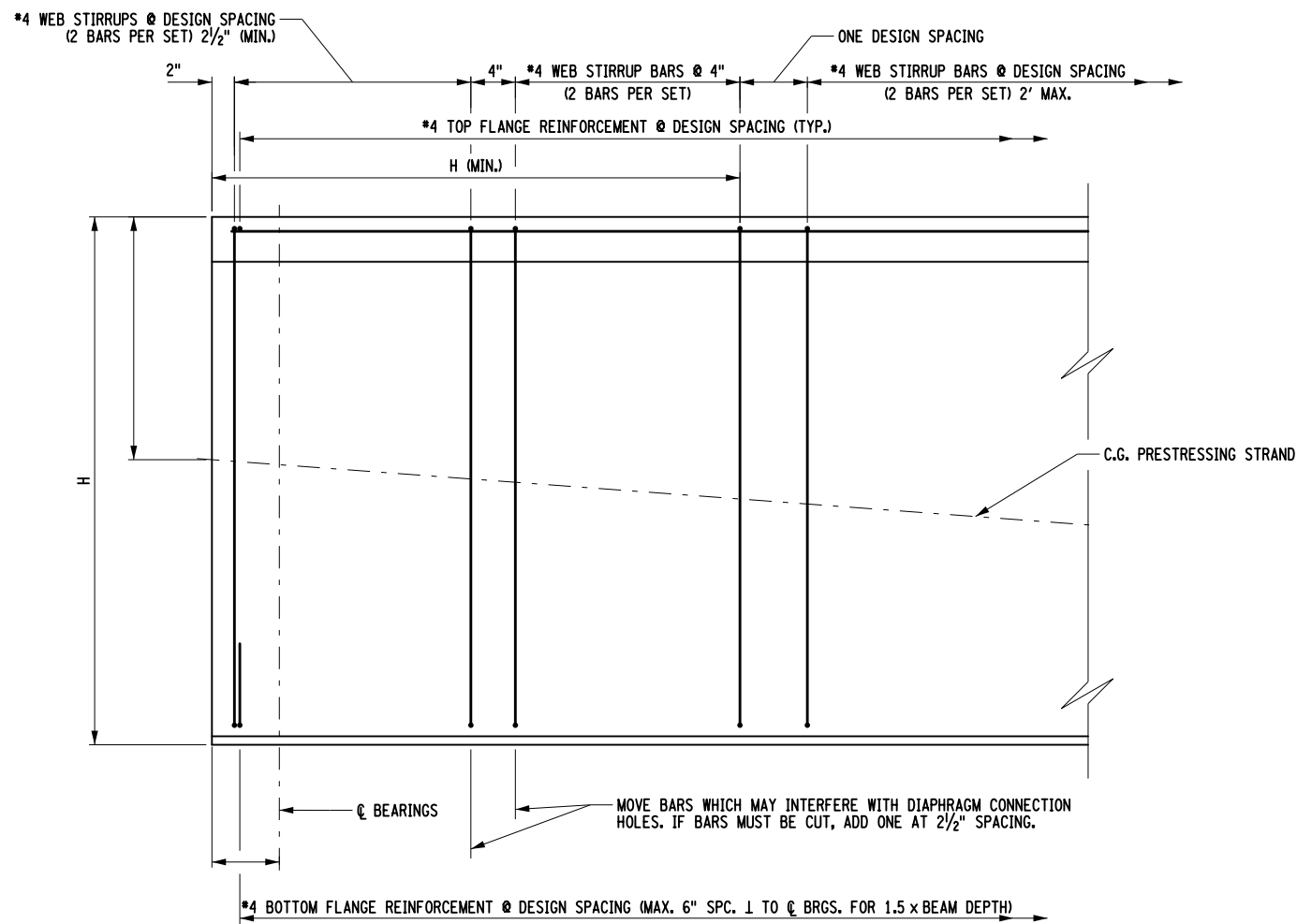


TYPICAL SECTION @ MIDSPAN
USING DRAPED STRANDS



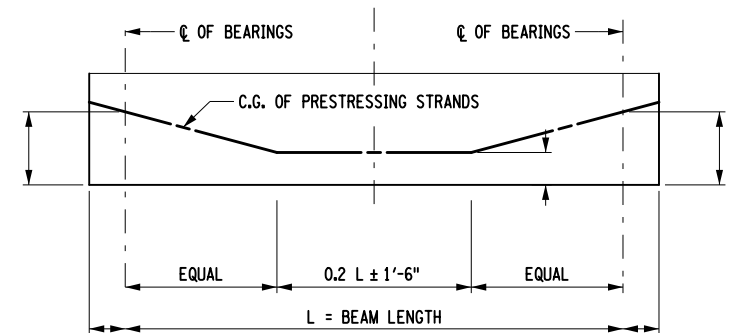
TYPICAL SECTION
USING DEBONDED STRANDS

- + - DENOTES STRAIGHT STRANDS \boxplus - DENOTES STRANDS TENSIONED TO 2.2 kips
 \boxtimes - DENOTES DRAPED STRANDS \oplus - DENOTES DEBONDED STRANDS

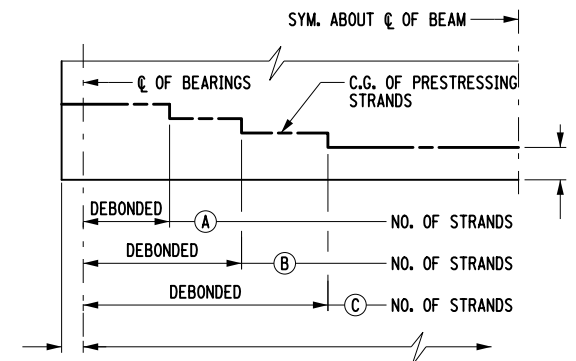


END ZONE REINFORCEMENT

NOTE:
COMPOSITE SHEAR BARS AND DRAPED STRAND
CONFINEMENT BARS NOT SHOWN FOR CLARITY.



DRAPED TENDON PROFILE



SCHEMATIC DETAIL
FOR DEBONDED STRANDS

DESIGNER NOTES:

FOR CAMBER AND LOAD TABLES, SEE BD-PC29E.

FOR STAY-IN-PLACE FORM DETAILS, SEE BD-PC29E.

IN THE ZONE WHERE STIRRUPS ARE SPACED CLOSELY ATTACH THE TOP FLANGE HORIZONTAL BARS TO ALTERNATE STIRRUPS.

THE BAR LIST FOR EACH PRESTRESSED BEAM SHALL BE PLACED ON THAT BEAM SHEET. ALL BAR REINFORCEMENT EMBEDDED IN THE PRESTRESSED BEAMS SHALL BE INCLUDED IN THE PRESTRESSED BEAM ITEM.

ALL REINFORCEMENT TO BE VERIFIED BY DESIGNER.


JACKING FORCE SHALL BE ROUNDED TO THE NEAREST 0.1 kips AND THE SAME FOR ALL PRESTRESSED UNITS IN A BRIDGE.

CONSULT THE BRIDGE MANUAL FOR DEBONDING CRITERIA.

WHEN DRAPED STRANDS ARE USED THE TOTAL HOLD DOWN FORCE OF ALL DRAPED STRANDS FOR EACH BEAM SHALL NOT EXCEED 75% OF TOTAL BEAM WEIGHT.

THE STRANDS LABELED \boxplus SHALL BE TENSIONED TO 2.2 kips. THESE STRANDS OR ADDITIONAL STRANDS WITHIN THE TOP FLANGE MAY BE TENSIONED TO FULL PRETENSIONING IF REQUIRED BY DESIGN.

BEAM OVERHANG PAST \mathcal{C} BEARINGS = $\frac{\text{BEARING LENGTH}}{2} + 1"$ (MIN.)

REVISED		Department of Transportation Office of Structures
ERRATA	PRESTRESSED CONCRETE NEBT-MISCELLANEOUS DETAILS	
	APPROVED: 02/17/17 ORIGINAL SIGNED BY RICHARD MARCHIONE, P.E. DEPUTY CHIEF ENGINEER (STRUCTURES)	ISSUED UNDER EB 17-010 EFFECTIVE WITH THE LETTING OF 09/01/17